

TRUSTED SINCE 1926

BONIDE[®]

DuraTurf[™]

LAWN SEED STARTER

Fertilizer

with *slow release* (N) FERTILIZER

10-25-12

Phosphorus for strong root growth

Gives lawns the best start from
seed, sod or sprigs

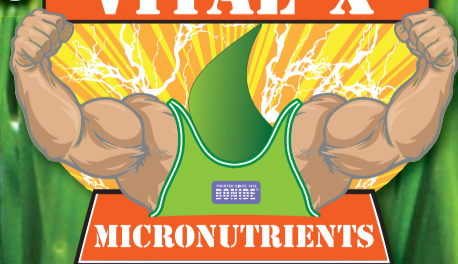
Encourages thick vigorous turf



**Provides vital nutrients
for the early stages
of grass growth**

contains

VITAL-X[™]



MICRONUTRIENTS

OUR PRODUCT

Use whenever seeding a new lawn or over-seeding an established lawn. This special blend provides extra root-building nutrients that are vital to the early growth stages of turfgrass.

This fertilizer can be applied to all cool and warm season grasses; including Bahiagrass, Bentgrass, Bermudagrass, Bluegrass, Buffalograss, Carpetgrass, Centipedegrass, Fescue, Kikuyugrass, Ryegrass, St. Augustine and Zoysia.

WHAT THE NUMBERS MEAN?

Fertilizers are rated by three numbers, such as 10-25-12. The numbers tell what percentage of primary nutrients the fertilizer contains. The first number is the percentage of Nitrogen (N); the second number is the percentage of Available Phosphate (P_2O_5); the third number is the percentage of soluble Potash (K_2O).

When purchasing and using fertilizer, keep in mind that typically the first number (Nitrogen), emphasizes a green color and denser foliage. The middle number (Available Phosphate), emphasizes strong root development. And the third number (Soluble Potash), emphasizes overall plant hardiness and its ability to withstand stress.

INSTRUCTIONS FOR PLANTING NEW LAWNS

Most lawn grass roots need 4-6 inches of topsoil. This allows the grass plants to establish deep, extensive root systems, from which they can take up needed nutrients, water and oxygen. A good soil bed will give a more uniform stand of vigorous turf and will require less frequent watering. Check to determine the depth of your topsoil bed. If you need to add more soil, select soil with a sandy texture rather than one with more silt and clay. Add the new soil in layers 3 to 4 inches thick, and rototill to mix into existing soil for a uniform planting bed.

PLANTING BED PREPARATION

Planting preparation is the same whether you use seed, sprigs, plugs or sod. Work the soil when it is moist but not wet - soil that sticks to implements is too wet to work. Plow, disc or rototill the soil. Apply this fertilizer at 3.2 pounds per 1,000 square feet, and work into the top 2" to 4" of soil, using a spreader to assure even distribution. Use a lawn roller to settle the soil into a firm, even seed bed. Just prior to seeding, sprigging, plugging or sodding, rake the soil surface to create a loose soil structure to a depth of 1/4 to 1/2 inch. Any large clods (over 1/2" in size) or stones should have been raked away and removed. When seeding follow directions on the grass seed package. When sodding, be prepared to lay the rolls as soon after delivery as possible to avoid loss of grass vigor. Stagger the sod strips so that ends abut in the mid-section of the strips to either side. When laying sod on a slope, start at the bottom and work up, taking care to push the sod strips tightly together.

INSTRUCTIONS FOR OVERSEEDING ESTABLISHED LAWNS

Apply this fertilizer at the rate of 3.2 pounds per 1,000 square feet to the area planned for overseeding. To assure even distribution, use a properly calibrated spreader. Since working the fertilizer into the soil is not possible without disturbing the existing turf, thoroughly water-in the fertilizer, allowing 24 hours for soil penetration before seeding. Follow the directions for over-seeding on the grass seed package.

EARLY CARE FOR NEW OR OVERSEEDED LAWNS

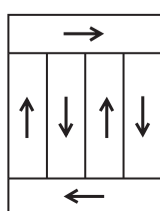
Once the lawn is planted or seed is spread, watering is critical for success. Frequent light watering will help keep conditions at the soil surface favorable for seed germination or rooting of sod. Don't allow the seedbed to dry out or become soaked. As grass begins to grow, decrease the frequency of watering, but increase the volume of water each time.

MOWING TIPS FOR NEW LAWNS

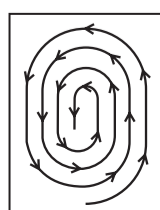
For seeded lawns, set mower to recommended height listed on the grass seed package. For sprigs, plugs and sod, set mower height recommended for your type of grass.

SPREADER SETTINGS

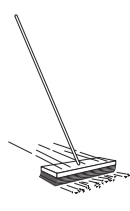
Drop
First apply two strips at ends. Then apply product along the length of the lawn, shutting off spreader when turning.



Rotary
Apply in a circular path, starting on the outside and working toward the center.



Sweep
Fertilizer may stain driveways, walks, patios, pools, etc. Sweep off thoroughly immediately after each use.



SPREADER SETTINGS

Drop Spreader	
Scotts AccuGreen	6.5
Republic EZ #530	6
Sears Drop	4
Jonathan Green/Precision	1.5
Rotary Spreaders	
Scotts Deluxe	5
Republic EZ #540	3
Earthway	11.5
Sears Rotary	5.5
Jonathan Green/Precision	3.5

Note: Spreader settings are approximate and may vary according to the condition of your equipment. Your spreader should be calibrated before use! Shut the spreader off when turning or stopping, to avoid over-application and possible turf damage. Excessive overlap, especially with drop spreaders, will cause over-application and possible turf damage. Clean and lubricate your spreader after use.

Use this formula to calculate the amount of product you need:

$$\frac{\text{Length of Property} \times \text{Width of Property}}{\text{Total Square Feet}} = \text{Total Square Feet}$$

$$\text{Total Square Feet} - \text{Non-Lawn Areas} = \text{Total Square Feet Coverage Needed}$$

KEEP OUT OF REACH OF CHILDREN

CAUTION: Fertilizer may cause skin or eye irritation. Flush contacted area with plenty of water, and get medical attention if irritation persists. If swallowed, call a doctor for treatment advice.

Store in original container. Do not contaminate water, food or feed by storage or disposal.

Florida Applications:

Do not exceed application rate of 3.2 lbs. per 1,000 sq. ft. Make any subsequent fertilizer applications with Low or No Phosphate fertilizers.

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands in the driveway, sidewalk, or street, back onto the lawn. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.

Manufacturer warrants that this product conforms to the ingredient statement on the label, and that the product is reasonably suited for the labeled use when applied according to directions. Buyer and user assumes all risks and liability of use, storage and/or handling of this product not in accordance with the terms of this label. Manufacturer makes no other warranty, express or implied, and shall not be liable for indirect or consequential damages.

Guaranteed Analysis	10-25-12
Total Nitrogen (N)	10.00%
5.29% Ammoniacal Nitrogen	
4.71% Urea Nitrogen*	
Available Phosphate (P_2O_5)	25.00%
Soluble Potash (K_2O)	12.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
0.10% Water Soluble Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	

Derived from: Ammonium Phosphate, Urea, Polymer Coated-Sulfur Coated Urea, Muriate of Potash, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Sodium Borate, Sodium Molybdate

*2.00% Slowly Available Nitrogen from Polymer Coated-Sulfur Coated Urea. F1290

CAUTION - Boron and molybdenum are recommended for all crops where boron and molybdenum may be deficient; however, excessive application to susceptible crops may cause damage. Crops high in molybdenum may be toxic to ruminant animals.

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing 0.32 pounds of nitrogen per 1,000 square feet. Please consult your local extension office for questions regarding a regular fertilizer program.

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this container, and referring to the batch number found on this container.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>